

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

Claims 1-91 (canceled).

92. (new) A data processing method for accessing a database based on a query according to an input of the query and processing data from the database in a data processing system having storage devices that includes a plurality of data storage areas to configure the databases to store data therein comprising:

storing correspondence of a plurality of key ranges previously determined to a plurality of the data storage areas in the storage device;

storing the data in the data storage area corresponding to the key range contained the data therein when the data is stored in the database; and

making correspondence information about the key range to the data storage area according to an acceptance of a request including the information about the key range to be added and information about the data storage areas.

93. (new) The data processing method according to claim 92, further comprising the step of:

copying data corresponding to the information about the key range to be added stored in the other data storage area from said other data storage area to the data storage area corresponding to the information of said key range.

94. (new) The data processing method according to claim 93,
further comprising the step of:

purging data corresponding to the information about the key range to
be added from said other data storage area.

95. (new) The data processing method according to claim 92,
further comprising the step of:

transferring data corresponding to the information about the key range
to be added stored in the other data storage area from said other data storage
area to the data storage area corresponding to the information of said key
range.

96. (new) The data processing method according to claim 92,
further comprising the steps of:

analyzing a database calculation request according to an input of the
database calculation request;

obtaining the information about the key range corresponding to the
database calculation request; and

accessing the data storage area corresponding to the information of
the key range to refer to the data stored in the data storage area accessed
and to process the database calculation request.